

Title (en)

Armor-plated mechanical antitheft steering lock for automotive vehicles.

Title (de)

Gepanzertes mechanisches Diebstahlschutzlenkradschloss für Automobile

Title (fr)

Verrouillage de direction antivol mécanique à placage d'armure pour véhicules automobiles

Publication

EP 2277750 A1 20110126 (EN)

Application

EP 10075219 A 20100528

Priority

IT BA20090039 U 20090722

Abstract (en)

The auxiliary mechanical steering lock antitheft device for motor vehicles includes a fixed support (4) that houses a lock (5) with sphere (6) activation-deactivation key (12) and an inclined dragging pin (2), a fork slider (1) with shaped section (1') that inserts itself on the shaped axle with the same prismatic instead of circular section (1") of the steering column (10) to prevent the rotation of the column of said steering. Unlike the steering lock devices of the known technique the new steering lock device differs from all the others existing on the market, because the blocking of the steering column is carried out by a fork slider (1) that inserts itself directly on the square axle (1") of the steering column (10), inhibiting its rotation. This solution, unlike the type bush-pin of the known technique allows the normal collapse of the steering column in case of accident, while in the type bush-pin the collapse is prevented by the bush fixed on the steering column, causing further risks to the driver of the vehicle in case of accident. It can be combined with other electrical-electronic antitheft devices,

IPC 8 full level

B60R 25/021 (2013.01)

CPC (source: EP)

B60R 25/02115 (2013.01)

Citation (search report)

- [Y] GB 1190066 A 19700429 - FORD MOTOR CO [GB]
- [Y] EP 2075167 A1 20090701 - VALEO SICHERHEITSSYSTEME GMBH [DE]
- [A] EP 1564091 A1 20050817 - TRW AUTOMOTIVE ITALIA S P A [IT]
- [A] EP 0957015 A2 19991117 - TRW SIPEA SPA [IT]
- [A] GB 947624 A 19640122 - VAUXHALL MOTORS LTD
- [A] GB 1205695 A 19700916 - VAUXHALL MOTORS LTD
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Citation (examination)

- DE 3242534 A1 19840524 - NEIMAN GMBH [DE]
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Citation (third parties)

Third party :

EP 2325395 A1 20110525 - EXECO SRL [SM]

Cited by

CN111556830A; EP3735366A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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